	<b>VOLUME</b>  3	GROUP Campaign	MODEL Spectra
		NUMBER 053	DATE October 2005
<b>TECHNICAL SERVICE BULLETIN</b>			
<b>SUBJECT:</b> SAFETY CAMPAIGN: 2004-2005 SPECTRA PASSENGER SEAT OCS REFLASH			

This bulletin provides information relating to possible improper OCS classification of a child restraint seat. On some 2004 and 2005 Spectra models produced between 12/11/03 and 4/18/05, the tell tale lamp on the center facia panel may turn off (PASSENGER AIR BAG ENABLED) when the passenger seat is occupied by a child restraint seat.

In certain frontal collisions, it is possible that the passenger air bag may deploy even if the front seat is occupied by a child in a child restraint seat. The driver will be aware if the front passenger air bag is enabled by the passenger side telltale light, which will NOT illuminate with the "PASSENGER AIR BAG OFF" indication.

This bulletin provides information on how to update the Spectra OCS electronic control module located in the front passenger seat cushion.

**Note:** ONLY vehicles within the affected production date should be reflashed



Passenger Air Bag Tell Tale Lamp

File Under: Campaign

Circulate To: ☒ General Manager ☒ Service Manager ☒ Parts Manager  
☒ Service Advisor(s) ☒ Technician(s) ☒ Body Shop Manager ☒ Fleet Repair

**SUBJECT:**

**SAFETY CAMPAIGN: 2004-2005 SPECTRA PASSENGER SEAT OCS REFLASH**

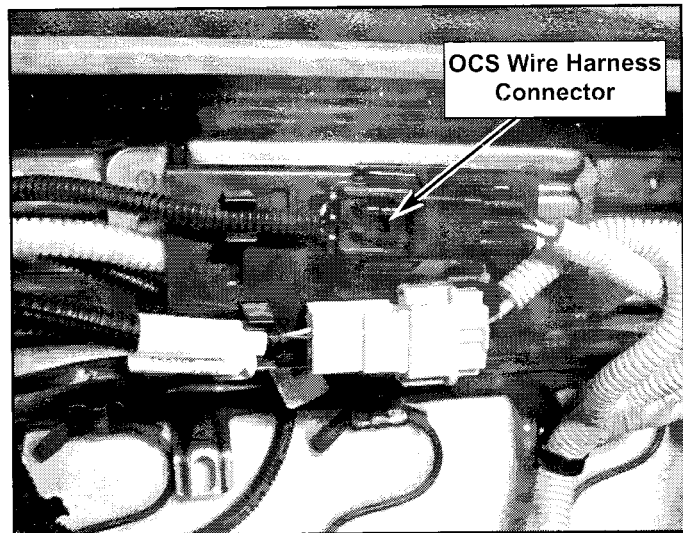
1. Open hood and check for SC053 Campaign Completion Label on the bulkhead above the brake booster.
  - If label exists, Campaign SC053 has been completed - NO FURTHER ACTION IS REQUIRED.
  - If Campaign SC053 label DOES NOT EXIST, perform the Reflash Procedure.

**Note: Campaign completion must be verified on the Warranty Coverage Validation screen, prior to performing repairs (KSS Main Menu - Option 3).**

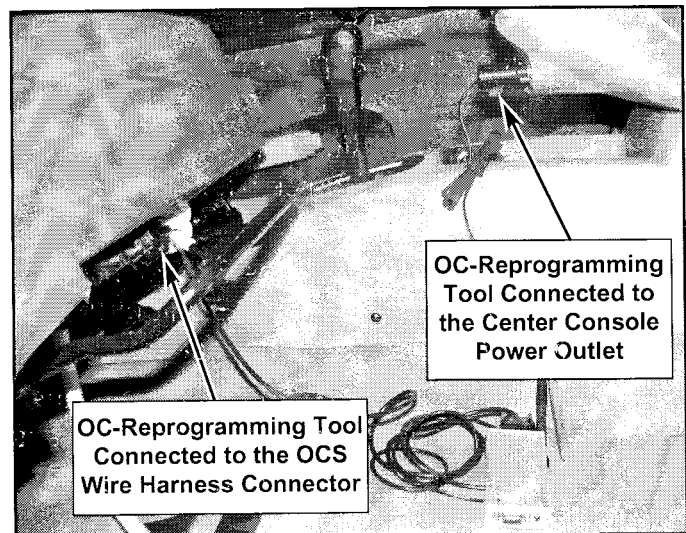


**REFLASH PROCEDURE:**

1. Slide the right front seat to the full rearward position.
2. Look under the front of the right front seat to access the OCS wire harness connector.



3. Unplug the OCS wire harness connector and connect the OC-Reprogramming Tool. Connect the OC-Reprogramming Tool to the center console power outlet.

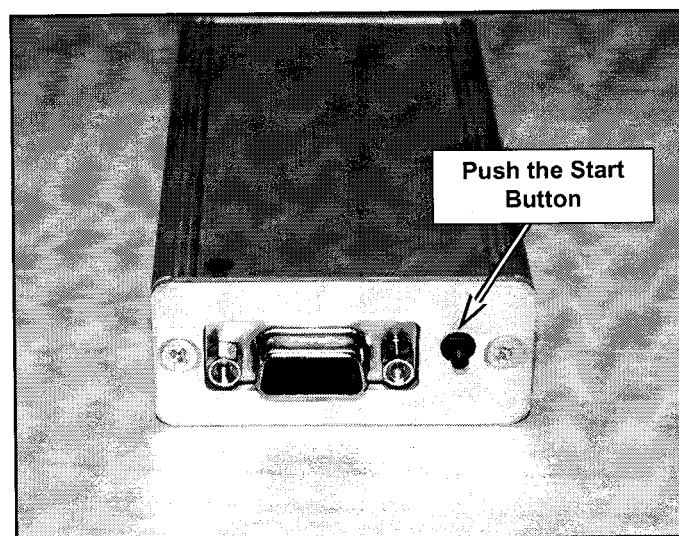


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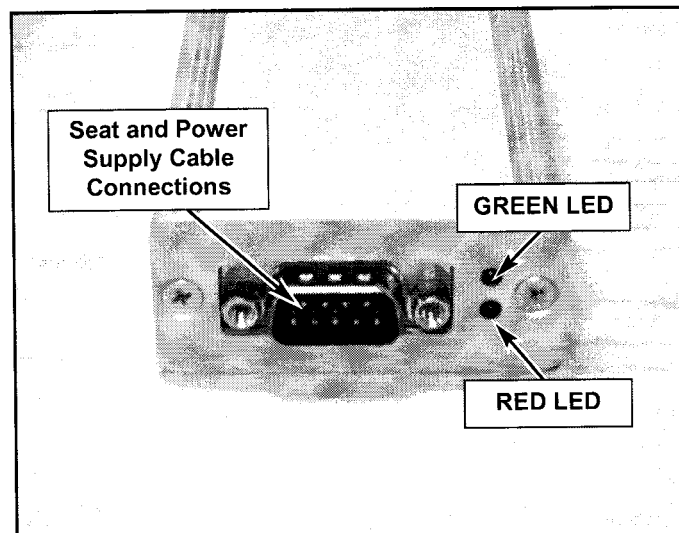
**Note:** Turn the ignition key to the ACC position. DO NOT turn the key to the on position as it will set a stored DTC in the airbag system. Both GREEN and RED LED's will light up after 1~3 seconds. If the LED's do not power-up, check the power outlet for proper operation.

The same OC-Reprogramming Tool is used for the Sorento and the Spectra. After pressing the start button the tool will communicate with OCS computer, determine which vehicle it is and perform the proper reflash.

4. You are now ready to reflash the seat control module. Push the reflash start button on the tool to initiate the communication and reflashing with the tool.



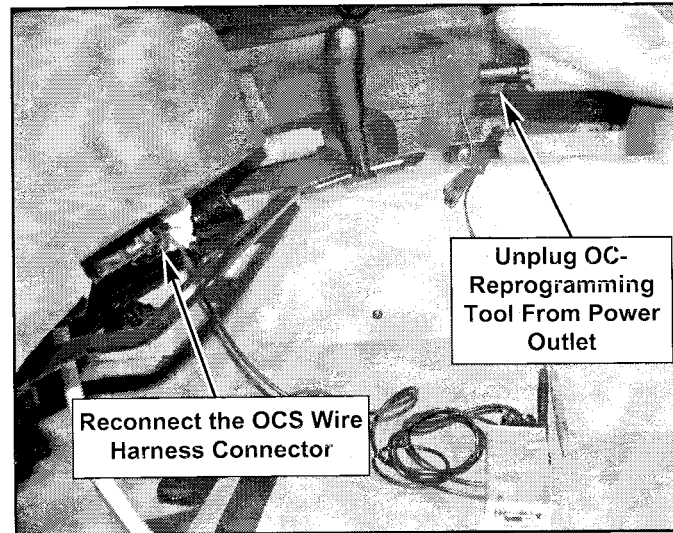
5. The GREEN and RED LED lights will toggle back and fourth approximately 60 times during the reprogramming.
  - a. After a successful reprogram the GREEN LED will flash 3 quick blinks followed by a steady GREEN light.
  - b. If the RED LED flashes 3 quick blinks followed by a steady RED light the programming was unsuccessful:
    - Check the cable connections to the power supply and OCS seat connector.
    - Verify the proper production date on the vehicle.



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- Note:** ONLY vehicles within the affected production date should be reflashed.
6. After completion of reprogramming, turn the ignition key to the off position, disconnect the OC Reprogramming Tool electrical connection at the power supply and OCS seat connector. Connect the OCS wire harness to the OCS connector under the right front passenger seat.
  7. Perform a functional check of the OCS system:
    - a. Turn the ignition switch off for 5 seconds.
    - b. Turn the ignition switch ON, monitor the tell-tale lamp on the center facia panel. The "PASSENGER AIR BAG OFF" should light up initially, and then turn OFF and back ON.
    - c. Sit in the front passenger seat. If you weigh at least 105 lbs, the light should then go OFF.
    - d. Verify that the airbag/SRS warning lamp is off after initial bulb check.
  8. Attach the SC053 Campaign Completion Label on the on the bulkhead above the brake booster.



**SUBJECT:****SAFETY CAMPAIGN: 2004-2005 SPECTRA PASSENGER SEAT OCS REFLASH****AFFECTED PRODUCTION RANGE:**

2004-2005MY Spectra vehicles with production dates from 12/11/03 through 4/18/05.

**PART NUMBER INFORMATION:**

Description	P/N
SC053 Campaign Completion Label	UC050 SC053

Extra SC053 Campaign Completion Labels are available at no cost through your regional PDC.

**Note:** OC-Reprogramming Tool was sent to dealership free of charge. If lost, replacements can be purchased by calling 1-866-542-8665 and ordering P/N K05U-OCS-R. Replacement cost is \$300.00 and will be billed to your parts account.

If your OC-Reprogramming Tool is not working properly, call 1-800-225-5542 and ask for Mark Houkal or Lonnie Simmons for warranty replacement issues.

**WARRANTY CLAIM INFORMATION:**

Claim Type	Causal P/N	Qty.	Cond. Code	Cause Code	Repair Description	Labor OP Code	Time	Related Parts	Qty.
R	88202 2F700275	0	N94	C23	Reprogram OCS Seat Control Module	051062R0	0.2	N/A	0

To improve customer satisfaction always remember to refer to the Warranty Coverage Validations Inquiry Screen (Select 3) on your Kia Standard System (KSS) Dealer Main Menu for a list of any additional campaigns that may need to be performed on the vehicle before returning it to the customer.